

OIPE

#2

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/918,715

DATE: 08/08/2001
 TIME: 11:34:49

Input Set : N:\paola\09918715.txt
 Output Set: N:\CRF3\08082001\I918715.raw

ENTERED

4 <110> APPLICANT: Brad St. Croix
 5 Bert Vogelstein
 6 Kenneth Kinzler
 8 <120> TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS
 11 <130> FILE REFERENCE: 1107.00134
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/918,715
 C--> 13 <141> CURRENT FILING DATE: 2001-08-01
 13 <150> PRIOR APPLICATION NUMBER: 60/222,599
 14 <151> PRIOR FILING DATE: 2000-08-02
 16 <150> PRIOR APPLICATION NUMBER: 60/224,360
 17 <151> PRIOR FILING DATE: 2000-08-11
 19 <150> PRIOR APPLICATION NUMBER: 60/282,850
 20 <151> PRIOR FILING DATE: 2000-04-11
 22 <160> NUMBER OF SEQ ID NOS: 358
 24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 11
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <400> SEQUENCE: 1
 32 catatcatta a 11
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 11
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Homo sapiens
 39 <400> SEQUENCE: 2
 40 tgcacttcaa g 11
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 11
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 3
 48 tttgcacctt t 11
 50 <210> SEQ ID NO: 4
 51 <211> LENGTH: 10
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Homo sapiens
 55 <400> SEQUENCE: 4
 56 cccttgtccg 10
 58 <210> SEQ ID NO: 5
 59 <211> LENGTH: 11
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Homo sapiens
 63 <400> SEQUENCE: 5
 64 ttgctgactt t 11
 66 <210> SEQ ID NO: 6
 67 <211> LENGTH: 11

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68 <212> TYPE: DNA
69 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 6
72 accattggat t 11
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 11
76 <212> TYPE: DNA
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 7
80 acacttcttt c 11
82 <210> SEQ ID NO: 8
83 <211> LENGTH: 11
84 <212> TYPE: DNA
85 <213> ORGANISM: Homo sapiens
87 <400> SEQUENCE: 8
88 ttctgctctt g 11
90 <210> SEQ ID NO: 9
91 <211> LENGTH: 11
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 9
96 tccctggcag a 11
98 <210> SEQ ID NO: 10
99 <211> LENGTH: 11
100 <212> TYPE: DNA
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 10
104 taatcctcaa g 11
106 <210> SEQ ID NO: 11
107 <211> LENGTH: 11
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 11
112 atgtcttttc t 11
114 <210> SEQ ID NO: 12
115 <211> LENGTH: 11
116 <212> TYPE: DNA
117 <213> ORGANISM: Homo sapiens
119 <400> SEQUENCE: 12
120 gggattaaag c 11
122 <210> SEQ ID NO: 13
123 <211> LENGTH: 11
124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens
127 <400> SEQUENCE: 13
128 ttagtgctgt a 11
130 <210> SEQ ID NO: 14
131 <211> LENGTH: 11
132 <212> TYPE: DNA

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133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 14
136 ttctcccaaa t 11
138 <210> SEQ ID NO: 15
139 <211> LENGTH: 11
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
143 <400> SEQUENCE: 15
144 gtgctaagcg g 11
146 <210> SEQ ID NO: 16
147 <211> LENGTH: 11
148 <212> TYPE: DNA
149 <213> ORGANISM: Homo sapiens
151 <400> SEQUENCE: 16
152 gtttatggat a 11
154 <210> SEQ ID NO: 17
155 <211> LENGTH: 11
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 17
160 ccctttcaca c 11
162 <210> SEQ ID NO: 18
163 <211> LENGTH: 11
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 18
168 tgttctggag a 11
170 <210> SEQ ID NO: 19
171 <211> LENGTH: 11
172 <212> TYPE: DNA
173 <213> ORGANISM: Homo sapiens
175 <400> SEQUENCE: 19
176 aagatcaaga t 11
178 <210> SEQ ID NO: 20
179 <211> LENGTH: 11
180 <212> TYPE: DNA
181 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 20
184 tctctgagca t 11
186 <210> SEQ ID NO: 21
187 <211> LENGTH: 11
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 21
192 caggtttcat a 11
194 <210> SEQ ID NO: 22
195 <211> LENGTH: 11
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens

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Input Set : N:\paola\09918715.txt

Output Set: N:\CRF3\08082001\I918715.raw

199 <400> SEQUENCE: 22
200 gcacaagttc t 11
202 <210> SEQ ID NO: 23
203 <211> LENGTH: 11
204 <212> TYPE: DNA
205 <213> ORGANISM: Homo sapiens
207 <400> SEQUENCE: 23
208 agcttgtggc c 11
210 <210> SEQ ID NO: 24
211 <211> LENGTH: 11
212 <212> TYPE: DNA
213 <213> ORGANISM: Homo sapiens
215 <400> SEQUENCE: 24
216 cttctggata a 11
218 <210> SEQ ID NO: 25
219 <211> LENGTH: 11
220 <212> TYPE: DNA
221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 25
224 caacaataat a 11
226 <210> SEQ ID NO: 26
227 <211> LENGTH: 11
228 <212> TYPE: DNA
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 26
232 accggcgccc g 11
234 <210> SEQ ID NO: 27
235 <211> LENGTH: 11
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 27
240 ggaagctaag t 11
242 <210> SEQ ID NO: 28
243 <211> LENGTH: 11
244 <212> TYPE: DNA
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 28
248 gcaatttaac c 11
250 <210> SEQ ID NO: 29
251 <211> LENGTH: 11
252 <212> TYPE: DNA
253 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 29
256 gataactaca t 11
258 <210> SEQ ID NO: 30
259 <211> LENGTH: 11
260 <212> TYPE: DNA
261 <213> ORGANISM: Homo sapiens
263 <400> SEQUENCE: 30

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Input Set : N:\paola\09918715.txt

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```

264 tatgagggtta a
266 <210> SEQ ID NO: 31
267 <211> LENGTH: 11
268 <212> TYPE: DNA
269 <213> ORGANISM: Homo sapiens
271 <400> SEQUENCE: 31
272 ccacgggatt c
274 <210> SEQ ID NO: 32
275 <211> LENGTH: 11
276 <212> TYPE: DNA
277 <213> ORGANISM: Homo sapiens
279 <400> SEQUENCE: 32
280 ttacaaaga g
282 <210> SEQ ID NO: 33
283 <211> LENGTH: 11
284 <212> TYPE: DNA
285 <213> ORGANISM: Homo sapiens
287 <400> SEQUENCE: 33
288 ccagtaaga t
290 <210> SEQ ID NO: 34
291 <211> LENGTH: 11
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapiens
295 <400> SEQUENCE: 34
296 acaaagcatt t
298 <210> SEQ ID NO: 35
299 <211> LENGTH: 11
300 <212> TYPE: DNA
301 <213> ORGANISM: Homo sapiens
303 <400> SEQUENCE: 35
304 gcctgtccct c
306 <210> SEQ ID NO: 36
307 <211> LENGTH: 11
308 <212> TYPE: DNA
309 <213> ORGANISM: Homo sapiens
311 <400> SEQUENCE: 36
312 tactttataa g
314 <210> SEQ ID NO: 37
315 <211> LENGTH: 11
316 <212> TYPE: DNA
317 <213> ORGANISM: Homo sapiens
319 <400> SEQUENCE: 37
320 tgtttaatac a
322 <210> SEQ ID NO: 38
323 <211> LENGTH: 11
324 <212> TYPE: DNA
325 <213> ORGANISM: Homo sapiens
327 <400> SEQUENCE: 38
328 gtccctgcct t

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/918,715

DATE: 08/08/2001

TIME: 11:34:50

Input Set : N:\paola\09918715.txt

Output Set: N:\CRF3\08082001\I918715.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:4836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213
L:6986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233
L:10637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264
L:11575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283